

**CLAIMS**

1. An image pick-up device comprising:

image signal generation means for generating a first image signal of a variable frame-rate picked-up image;

5 frame rate conversion means for matching a frame rate of the first image signal and a frame rate of a second image signal supplied from an outside with each other; and

signal generation means for generating a monitor image signal by using the first image signal and the second image signal whose frame  
10 rates are matched with each other by the frame rate conversion means.

2. The image pick-up device according to claim 1, wherein the frame rate conversion means matches the frame rate of the second image signal with the frame rate of the first image signal.

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3. The image pick-up device according to claim 1, wherein the signal generation means uses the first and second image signals to generate, as the monitor image signal, an image signal of an image in which an image based on the first image signal and an image based on the  
20 second image signal are mixed.

4. The image pick-up device according to claim 1, wherein the signal generation means uses the first and second image signals to generate, as the monitor image signal, an image signal of an image in  
25 which a part of an image based on the first image signal is replaced by an image based on the second image signal.

5. An image pick-up device comprising:

an image signal generation portion that generates a first image signal of a variable frame-rate picked-up image;

a frame rate conversion portion that matches a frame rate of the first image signal and a frame rate of a second image signal supplied  
5 from an outside with each other; and

a signal generation portion that generates a monitor image signal by using the first image signal and the second image signal whose frame rates are matched with each other by the frame rate conversion portion.